

**ELECTRONIC INFORMATION DISCLOSURE STATEMENT**

Electronic Version v18  
Stylesheet Version v18.0

Title of  
Invention

Manufacturing Unique Devices That Generate Digital  
Signatures

Application Number: 09/923213  
Confirmation Number: 8986  
First Named Applicant: Lynn Wheeler  
Attorney Docket Number: 1039934384  
Art Unit: 2132



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Search string: ( 6324525 or 6282522 or 6205437 or 6102287  
or 6070154 or 6000522 or 5790677 or 6000832  
or 5557518 or 6314519 or 6104815 or 5586036  
or 6029150 or 20020120846 ).pn.

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**US Patent Documents**

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
15	1	6324525	2001-11-27	Kramer et al.			
	2	6282522	2001-08-28	Davis			
	3	6205437	2001-03-20	Gifford			
	4	6102287	2000-08-05	Matyas			
	5	6070154	2000-05-30	Tavor et al.			
	6	6000522	1999-12-14	Johnson			
	7	5790677	1998-08-04	Fox et al.			
	8	6000832	1999-12-14	Franklin et al.			
	9	5557518	1996-09-17	Rosen			
	10	6314519	2001-11-06	Davis et al.			
	11	6104815	2000-08-15	Alcorn et al.			
	12	5586036	1996-07-05	Pintsov			
	13	6029150	2000-02-20	Kravitz			

**US Published Applications**

Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
KS	1 ✓	20020120846	2002-08-29	Stewart et al.	A1		

Signature

Examiner Name	Date
<i>Kevin Schubert</i>	8/17/05

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*(Use as many sheets as necessary)*

Sheet	1	of	4
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PTO/SB/08A (02-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**Complete if Known**

Application Number	09/923.213
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Filing Date	08/06/2001
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First Named Inventor	WHEELER et al.
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Art Unit	2132
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**Examiner Name**

Attorney Docket Number	10399-34384
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## U. S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

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Kein Schulent

Date  
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8/17/05

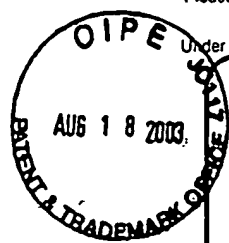
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Substitute for form 1449B/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>			Application Number	09/923,213	
			Filing Date	08/06/2001	
			First Named Inventor	Wheeler et al.	
			Group Art Unit	2132	
			Examiner Name		
Sheet	2	of	4	Attorney Docket Number	10399-34384

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KS	1	PKCS #9, Selected Object Classes and Attribute Types Version 2.0, RSA Laboratories, Redwood City, CA, pp 1-42	
	2	Digital Signature Guidelines Tutorial ; ABA Network, (web site at <a href="http://www.abanet.org/scietech/ec/isc/dsg-tutorial.html">http://www.abanet.org/scietech/ec/isc/dsg-tutorial.html</a> ), date of capture 2/18/2003, pp 1-7	
	3	GERCK, Ed, Overview of Certification Systems: x.509, PKIX, CA, PGP & SKIP - Do you understand digital certificates? Do you know what they warrant? July 18, 2000; pp. 1-18	
	4	LINN, John, Trust Models and Management in Public-Key Infrastructures; RSA Laboratories, November 6, 2000, pp 1-13	
	5	PKCS #5, v2.0: Password-Based Cryptography Standard, RSA Laboratories, Redwood City, CA; March 25, 1999; pp 1-30	
	6	PKCS #9, v2.0: Selected Object Classes and Attribute Types, RSA Laboratories, Redwood City, CA; February 25, 2000; pp. 1-34	
	7	PKCS #10, v1.7: Certificate Request Syntax Standard, RSA Laboratories, Redwood City, CA; May 26, 2000; pp. 1-10	
	8	PCKS #12, v1.0: Personal Information Exchange Syntax, RSA Laboratories, Redwood City, CA; June 24, 1999; pp. 1-23	
	9	PCKS #15: Conformance Profile Specification; RSA Laboratories, Redwood City, CA; August 1, 2000; pp 1-8	
	10	PEPE, Michel; Smart Cards Gaining Traction; CRN.com - Point of Sale: Trends, Markets and Technologies; December 31, 2002, (web site at <a href="http://crn.channelsupersearch.com/news/crn/39163.asp">http://crn.channelsupersearch.com/news/crn/39163.asp</a> ) captured on February 18, 2003; pp. 1-2	
✓	11	Guide to Internet Security; Public Key Cryptography (web site at <a href="http://www.e-certify.com/library/pkc_guide.htm">http://www.e-certify.com/library/pkc_guide.htm</a> ) captured on February 18, 2003	

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet **3** of **4**

## **Complete if Known**

Application Number	09/923,213
Filing Date	08/06/2001
First Named Inventor	Wheeler et al.
Group Art Unit	2132
Examiner Name	
Attorney Docket Number	10399-34384

## **OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

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KS	12	Private Server Product Description; (web site at <a href="http://www.bnn.com.tr/assets/cserver_prodesc.html">http://www.bnn.com.tr/assets/cserver_prodesc.html</a> ), date of capture 2/18/2003; pp 1-11	
	13	Cylink atm encryptor (web site at <a href="http://securitytools.hypermart.net/security_1/cylink_atm_encryptor.html">http://securitytools.hypermart.net/security_1/cylink_atm_encryptor.html</a> ), date of capture 2/18/2003, p1	
	14	BAL's PGP Pubic Key Server; The Computer Law Resource 1996; (web site at <a href="http://www.complaw.com/pgp/webkeyserver.html">http://www.complaw.com/pgp/webkeyserver.html</a> ) date of capture 2/18/2003; pp 1-2	
	15	Baltimore; Solutions; A New Era in Secure and Trusted E-Business; (web site at <a href="http://www.baltimore.com/solutions/index.asp">http://www.baltimore.com/solutions/index.asp</a> ) date of capture 2/18/2003; p 1	
	16	(PGP) Pretty Good Privacy; What's? com; December 27, 2000; (web site at <a href="http://whatis.techtarget.com/WhatIs_Definition_Page/0,4152,214292,00.html">http://whatis.techtarget.com/WhatIs_Definition_Page/0,4152,214292,00.html</a> ) date of capture 12/27/2000; pp 1-3	
	17	An Introduction to Cryptography; Network Associates, Inc. PGP, Version 6.5.1; June 1999; pp. 1-88	
	18	TURNBILL, Jim; "Cross-Certification and PKI Policy Networking"; Entrust, Inc; August 2000; pp 1-10	
	19	Some Suggestions for Automatic Encryption and Identity Verification in the IBM Internal Computing Network; December 28, 1985; pp 1-13	
	20	ARTHUR, Dwight; AADS Option for Buyer Authentication; Response to NACHA/IC ANT 2 RFI; September 14, 1998; pp 1-3	
	21	Internet Counsel; Consumer Internet Purchases Using ATM Cards Successfully Processed by NACHA Pilot Participants; February 23, 2003; pp 1-4	
✓	22	Internet Counsel; NACHA to Test ATM Card Payments for Consumer Internet PURchases; February 23, 2003; pp 1-3	

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	Application Number	09/923,213			
	Filing Date	08/06/2001			
	First Named Inventor	Wheeler et al.			
	Group Art Unit	2132			
	Examiner Name				
Sheet	4	of	4	Attorney Docket Number	10399-34384

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KS	23	News Release: Digital Signatures Can Secure ATM Card Payments on the Internet, NACHA Pilot Concludes; July 23, 2001; pp 1-2	
↓	24	KUTLER, Jeffrey; Privacy Broker: Likely Internet Role for Banks? Digital Frontiers; October 8, 1998; pp 1-6	
↓	25	HETTINGA, BOB, Hettiga's Best of the Month, Journal of Internet Banking and Commerce; Array Development, March 31, 1999, web site at <a href="http://www.arraydev.com/commerce/JIBC/9801-20.htm">http://www.arraydev.com/commerce/JIBC/9801-20.htm</a> , pp. 1-4.	
↓	26	DENNY, STEPHANIE, The Electric Commerce Challenge, Journal of Internet Banking and Commerce; Array Development, March 31, 1999, web site at <a href="http://www.arraydev.com/commerce/JIBC/9811-06.htm">http://www.arraydev.com/commerce/JIBC/9811-06.htm</a> , pp 1-2.	

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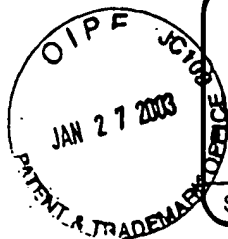
<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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Sheet 1 of 5

### Complete if Known

Application Number	09/923,213
Filing Date	8/6/2001
First Named Inventor	Wheeler et al.
Group Art Unit	2132
Examiner Name	BARRON, Gilberto
Attorney Docket Number	10399-34384

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KS	1.	BURTON S. KALISKI, JR., Some Examples of the PKCS Standards, An RSA Laboratories Technical Note, 11-1-93, RSA Laboratories, Redwood City, CA, pp. 1-15	
	2.	BURTON S. KALISKI, JR., A Layman's Guide to a Subset of ASN.1, BER, and DER, An RSA Laboratories Technical Note, 11-1-93, RSA Laboratories, Redwood City, CA, pp. 1-36	
	3.	PKCS Editor, PKCS #1 v2.1: RSA Cryptography Standard, RSA Laboratories, Draft 2, 1-5-2001, RSA Laboratories, Bedford, MA, pp. 1-60	
	4.	PKCS #3: Diffie-Hellman Key-Agreement Standard, An RSA Laboratories Technical Note, Version 1.4, 11-1-93, RSA Laboratories, Redwood City, CA, pp. 1-8	
	5.	PKCS #6: Extended-Certificate Syntax Standard, An RSA Laboratories Technical Note, 11-1-93, Version 1.5, RSA Laboratories, Redwood City, CA, pp. 1-11	
	6.	PKCS #8: Private-Key Information Syntax Standard, An RSA Laboratories Technical Note, 11-1-93, Version 1.2, RSA Laboratories, Redwood City, CA, pp. 1-5	
	7.	MICHAEL J. WIENER, Performance Comparison of Public-Key Cryptosystems, The Technical Newsletter of RSA Laboratories, a division of RSA Data Security, Inc., Summer 1998, Vol. 4, Number 1, RSA Laboratories, San Mateo, CA, pp. 1-23	
	8.	GEORGE APOSTOLOPOULOS, et al., Securing Electronic Commerce: Reducing the SSL Overhead, IEEE Network, July/Aug. 2000, Vol. 14, Issue 4, pp. 1-16	
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	10.	Security Requirements for Cryptographic Modules, Federal Information Processing Standards Publication 140-1, 1-11-94, pp. 1-45, CSL Bulletin For FIPS 140-1 pp. 1-6, Validated FIPS 140-1 Cryptographic Modules 2001, 2000, 1998, 1997-95, pp. 1-14	
	11.	MARK HEROUX, A Private Key Storage Server for DCE -- Functional Specification, Open Software Foundation Request for Comments: 94.1, November 1996, (web site at <a href="http://www.opengroup.org/rfc/mirror-rfc/rfc94.1.txt">http://www.opengroup.org/rfc/mirror-rfc/rfc94.1.txt</a> ), date of capture 6/13/01, pp. 1-73	

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### Complete if Known

Application Number	09/923,213
Filing Date	8/6/2001
First Named Inventor	Wheeler et al.
Group Art Unit	2132
Examiner Name	BARRRON, Gilberto
Attorney Docket Number	10399-34384

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KS	12.	PETER COX, Bench-Marking SmartGate, Establishing the Scalability of V-ONE's SmartGate Security System, Internet SmartWare Ltd., 7-24-97, pp. 1-7	
	13.	Answers to Frequently Asked Questions about Today's Cryptography, RSA Data Security, Inc., 10-5-1993, Revision 2.0, pp. 1-44	
	14.	Announcing the Standard for Digital Signature Standard (DSS), Federal Information Processing Standards Publication 186, 5-19-94, pp. 1-18	
	15.	SHARON BOEYEN, Certificate Policies and Certification Practice Statements, Entrust Technologies White Paper, February 1997, Version 1.0, pp. 1-7	
	16.	Public-Key Infrastructure (PKI) - The VeriSign Difference, 2-3-2001, Copyright 1999, VeriSign, Inc., pp. 1-21	
	17.	THIERRY MOREAU, Thirteen Reasons to Say 'No' to Public Key Cryptography, Draft paper, 3-4-98, CONNOTECH Experts-Conseils, Inc., Montréal, Québec, Canada, pp. 1-5	
	18.	"X9 Overview," American Bankers Association web page (web site at <a href="http://www.x9.org/aboutX9.htm">http://www.x9.org/aboutX9.htm</a> ), 1998, date of capture 1/11/99, 3 pp.	
	19.	July 1997 Meeting Report, Electronic Payments Forum (web site at <a href="http://www.epf.net/PrevMtngs/July97Mtng/July97Report.htm">http://www.epf.net/PrevMtngs/July97Mtng/July97Report.htm</a> ), date of capture 1/11/99, 2 pp.	
	20.	Hettinga's Best of the Month, Journal of Internet Banking and Commerce, 1-5-98, (web site at <a href="http://www.arraydev.com/commerce/JIBC/9801-20.htm">http://www.arraydev.com/commerce/JIBC/9801-20.htm</a> ), date of capture 1/11/99, 6 pp.	
	21.	BURTON S. KALISKI JR., An Overview of the PKCS Standards, An RSA Laboratories Technical Note, 11-1-93, RSA Data Security, Inc. Public-Key Cryptography Standards (PKCS), pp. 1-27	
✓	22.	Public Key Cryptography, NIST Special Publication 800-2, April 1991, reprinted at <a href="http://csrc.nist.gov/publications/nistpubs/800-2/800-2.txt">http://csrc.nist.gov/publications/nistpubs/800-2/800-2.txt</a> , pp. 1-138	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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5

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KS	23.	Guideline for Implementing Cryptography in the Federal Government, NIST Special Publication 800-21, November 1999, pp. 1-138	
	24.	Guideline for the Use of Advanced Authentication Technology Alternatives, FIPS Publication 190, September 28, 1994, reprinted at <a href="http://csrc.nist.gov/publications/fips/fips190/fip190.txt">http://csrc.nist.gov/publications/fips/fips190/fip190.txt</a> , pp. 1-55	
	25.	Building A Foundation of Trust in the PC, The Trusted Computing Platform Alliance, January 2000 (web site at <a href="http://www.trustedpc.org">http://www.trustedpc.org</a> ), pp 1-9	
	26.	Trusted Platform Module (TPM) Security Policy (A Part of the "TCPA Security Policy"), Version 0.45, October 2, 2000, pp. 1-13	
	27.	Trusted Platform Module Protection Profile (TPMPP) (A Part of the "TCPA Security Policy" 0.45, September 14, 2000, pp. 1-151	
	28.	TCPA PC Specific Implementation Specification, Version 0.95, July 4, 2001, pp. 1-70	
	29.	Common Criteria for Information Technology Security Evaluation, Smart Card Security User Group, Smart Card Protection Profile, draft Version 2.1d, March 21, 2001, pp. 1-194	
	30.	X9.84-2000, Biometric Information Management and Security for the Financial Services Industry, draft version, December 2000, pp. 1-141	
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Karin Schubert

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of

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### Complete if Known

Application Number	09/923,213
Filing Date	8/6/2001
First Named Inventor	Wheeler et al.
Group Art Unit	2132
Examiner Name	BARRON, Gilberto
Attorney Docket Number	10399-34384

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KS	34.	Entity Authentication Using Public Key Cryptography, FIPS Publication 196, February 18, 1997, pp. 1-52	
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Signature

*Kevin Schubert*

Date  
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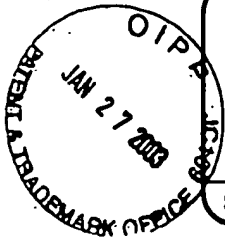
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**First Named Inventor**

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**Group Art Unit**

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**Examiner Name**

**BARRON, Gilberto**

Attorney Docket Number

10399-34384

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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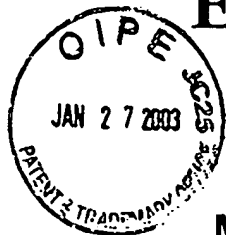
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# Electronic Information Disclosure Statement

## Manufacturing Unique Devices That Generate Digital Signature

Application:   
09/923213

Confirmation: 8986

Applicant(s): Lynn Wheeler

Docket Number: 10399-34384

Group Art  
Unit:

Examiner: Gilberto BARRON, Jr.

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## US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
KS	P01	3962539	1976-09-08		Ehrtam et al.		
↓	P02	4200770	1080-04-29		Hellman et al.		
↓	P03	4218582	1980-08-19		Hellman et al.		
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✓	P33	5788953	1997-10-14		Dophin

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✓	P50	5956404	1999-09-21		Schneier et al.

## Published Applications

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init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
ks	U01	20010000535	4260-01-25		Lapsley et al.		

## Remarks

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Examiner Name	Date
<i>Kevin Schubert</i>	<i>8/17/05</i>



# Electronic Information Disclosure Statement

## Manufacturing Unique Devices That Generate Digital Signatures

Application:   
09/923213

Confirmation: 8986

Applicant(s): Lynn Wheeler

Docket  
Number: 10399-34384

Group Art  
Unit:

Examiner: Gilberto Barron, Jr.

search string: ( 5970147 or 6023509 or 6044154 or 6047051 or 6084969 or 6092202 or 6105012 or 6108644 or 6111956 or 6134325 or 6161180 or 6161181 or 6167518 or 6202151 or 6230269 or 6192130 or 6199052 or 6243812 or 6263447 or 4734564 or 4885788 or 5453601 or 5534855 or 6154543 or 5903882 or 5943423 or 6189096 or 6233565 or 6285991 or 6240091 or 5928298 or 5778072 or 5878172 or 6009177 or 6021202 or 6243812 or 5671285 or 5455865 or 5577120 or 5677955 or 5963648 or 6205437 or 5209208 or 5745886 or 6299062 or 6144949 or 5677953 or 5677120 ).pn.






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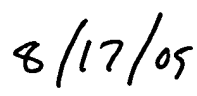
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	P05		2000-07-04		Wright		



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	P07	6105012	2000-08-15		Chang
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Examiner Name	Date
	

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			Application Number	To Be Determined	
			Filing Date	Concurrently Herewith	
			First Named Inventor	WHEELER et al.	
			Group Art Unit		
			Examiner Name		
Sheet	1	of	1	Attorney Docket Number	10399-34384

<b>OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
KS	1	Federal Information Processing Standards, Publication 140-1, Security Requirements for Cryptographic Modules; US DOC/NBS, January 11, 1994.	
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09/923213



08/06/01

Examiner Signature	<i>Kevin Schubert</i>	Date Considered	8/17/05
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